



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and **RECEIVED** instrument is repaired.
Send copy to Department of Health and Senior Services; retain original in department file. *By Carol Day at 3:34 pm, Nov 26, 2013*

ALCO SENSOR IV SN 097403	PRINTER SN 096.3580.877	DATE OF INSPECTION 11/22/2013
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LOCATION OF INSTRUMENT (STREET AND CITY) 317 BROADWAY, ELSBERRY	TIME OF INSPECTION 1:16 pm
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CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

☒ DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

☒ TEMPERATURE OF ALCO SENSOR (10°C - 40°C)

☒ PRINTER WORKING PROPERLY

☒ TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

☒ SIMULATOR SOLUTION ☐ COMPRESSED ETHANOL-GAS MIXTURE

☒ STANDARD SUPPLIER GUTH LABS LOT # 12170 EXP. DATE 09/05/2014

☒ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2287 SIMULATOR EXP DATE 01/15/2014

☒ **CALIBRATION CHECK – (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)**

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

- ☒ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
☐ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE
☐ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 .098

TEST 2 .099

TEST 3 .099

☒ RFI DETECTOR OPERATING

**INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)**

REFUSALS	1	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	1
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

INSPECTING OFFICER

SIGNATURE

PRINT NAME

ROBERT BODLEY

TYPE II PERMIT NUMBER/EXPIRATION DATE

220076 03/23/2014

TELEPHONE NUMBER

(573) 898-5456

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901



GUTH LABORATORIES, INC.

600 NORTH 67th STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 12170 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on September 11, 2012, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1215% (w/vol) ethyl alcohol. The expiration date for this lot number is September 5, 2014 at 11:59 PM.

When used in a calibrated Simulator, operating at $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, this solution will give a breath alcohol analysis instrument reading of 0.100 g/210L \pm 3%.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN122211-02 whose values are traceable to NIST.

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.

PS TV Serial not 687403
Version not 684C

TEST REPORT 00024

Term Date Time 210L

for Blood

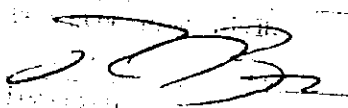
11/22/13 13:15 .000

Calibrated for Blood

22/11/2013 13:15 .000

Subject

Operator



Operator

PS TV Serial not 687403
Version not 684C

TEST REPORT 00022

Term Date Time 210L

for Blood

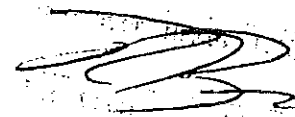
11/22/13 13:16 .000

Calibrated for Blood

22/11/2013 13:16 .000

Subject

Operator



Operator

PS TV Serial not 687403
Version not 684C

TEST REPORT 00023

Term Date Time 210L

for Blood

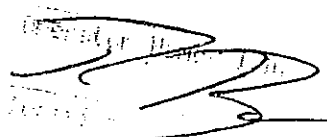
11/22/13 13:17 .000

Calibrated for Blood

22/11/2013 13:17 .000

Subject

Operator



Operator

PS TV Serial not 687403
Version not 684C

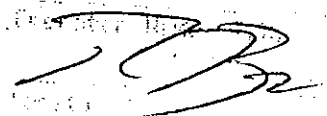
TEST REPORT 00021

Term Date Time 210L

for Blood

11/22/13 13:19

Subject



Operator

State of Missouri
DEPARTMENT OF HEALTH



P E R M I T
TYPE II



ROBERT BODLEY

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field repairs, and operate the following breath analyzer(s):

ALCO-SENSOR IV W/PRINTER

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 03/23/2012

Number 220076

Expires 03/23/2014

MO 580-0771 (7-88)

Director of State Public Health Laboratory

Director, Department of Health

Lab. 4 (R7-88)